

## CLAIMS

We claim:

1. A string tension dynamometer comprising a test wheel, a first filament wrapped around said test wheel and a second filament wrapped around said test wheel; wherein said first and said second filaments are wrapped around said test wheel on substantially opposite sides thereof; wherein lateral forces on said first and said second filaments are substantially balanced such that the total lateral force net value is substantially zero.
2. A string dynamometer as in claim 1, wherein said first filament is wrapped around said test wheel to form about a 90 degree angle.
3. A string dynamometer as in claim 2, wherein said second filament is wrapped around said test wheel to form about a 90 degree angle.